9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

KD-Validated Anti-Cyclin B2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1321

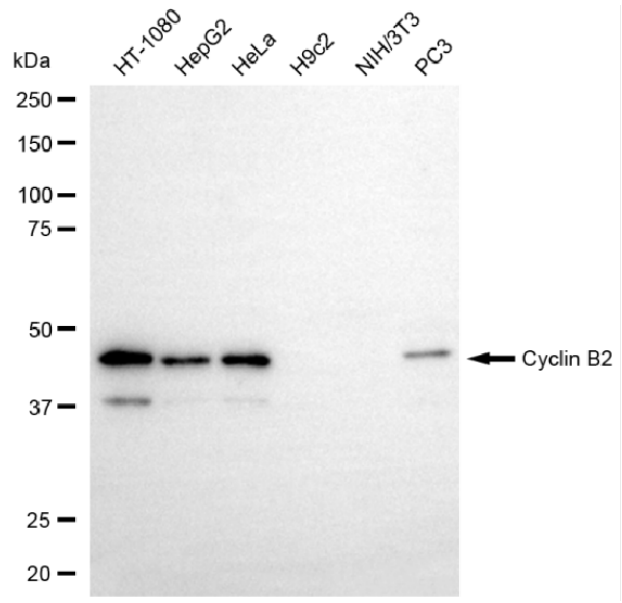
Product Overview

Name	KD-Validated Anti-Cyclin B2 Rabbit Monoclonal Antibody
Accession(Primary)	O95067
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Cyclin B2
Species Reactivity	Human
Calculated MW	Predicted, 45 kDa; observed, 45 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western blotting (WB): 1:1,000-1:5,000Immunocytochemistry (IC): 1:100-1:1,000

Target information (O95067)

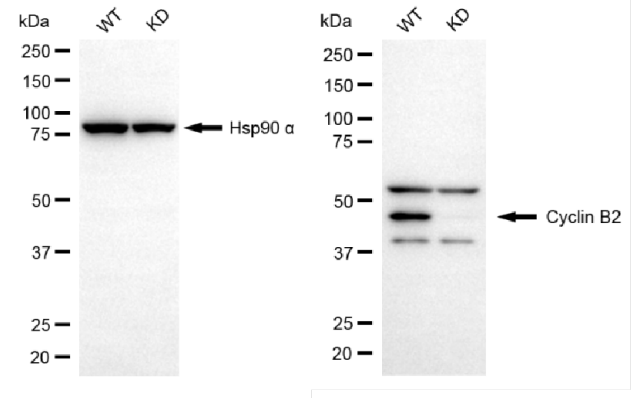
Gene Name	CCNB2
About Gene Symbol	CCNB2 (Cyclin B2) is a protein kinase and signaling regulator involved in cell cycle regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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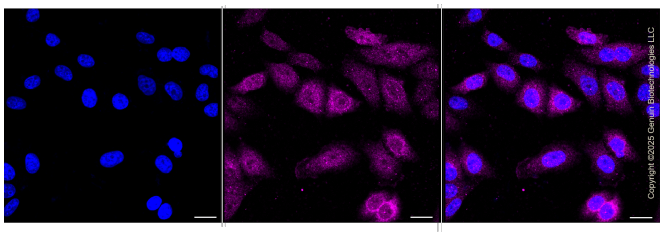
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Western blotting analysis using anti-cyclin B2 antibody (Cat#ABG1321). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cyclin B2 antibody (Cat#ABG1321, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-cyclin B2 antibody (Cat#ABG1321). Cyclin B2 expression in wild-type (WT) and cyclin B2 (CCNB2) knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cyclin B2 antibody (Cat#ABG1321, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HepG2 cells with anti-Cyclin B2 antibody (Cat#ABG1321, 1:1,000). Nuclei were stained blue with DAPI; Cyclin B2 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.